

FIG. 1 (PRIOR ART)

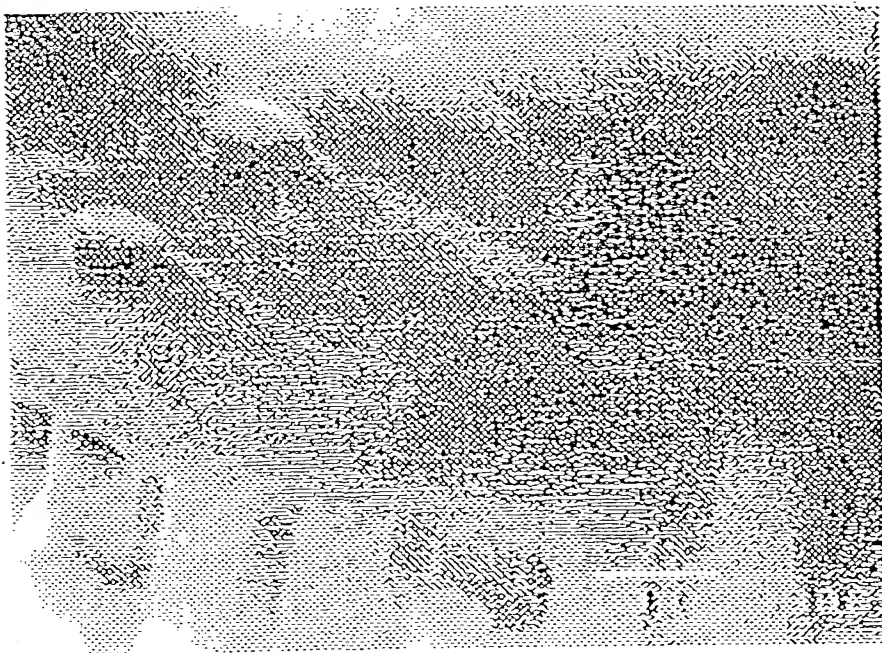
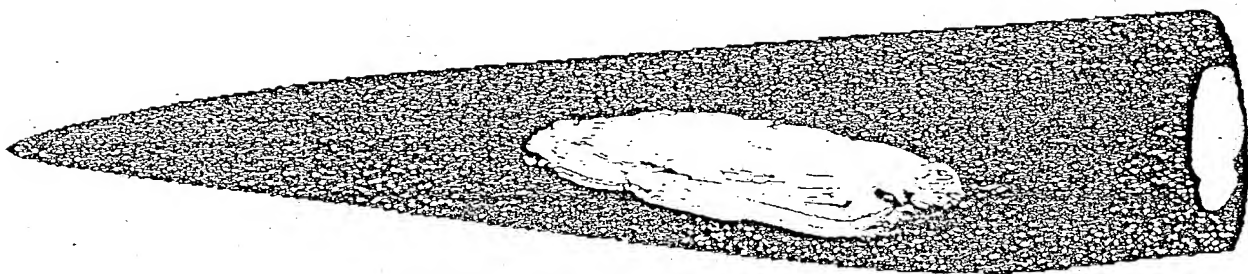


FIG. 2



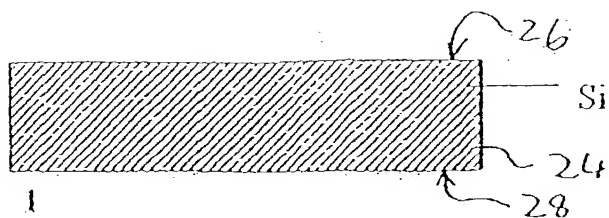


FIG. 3A

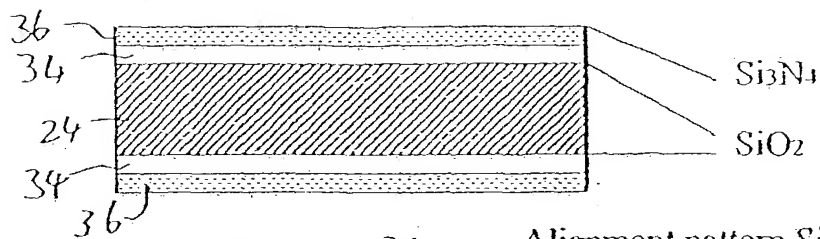


FIG. 3B

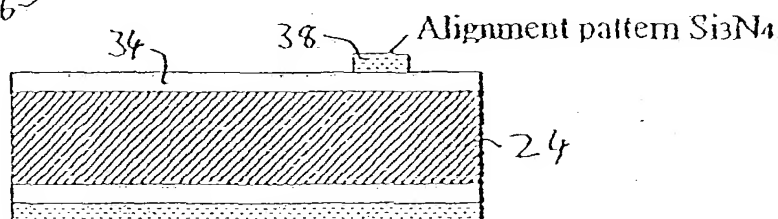


FIG. 3C

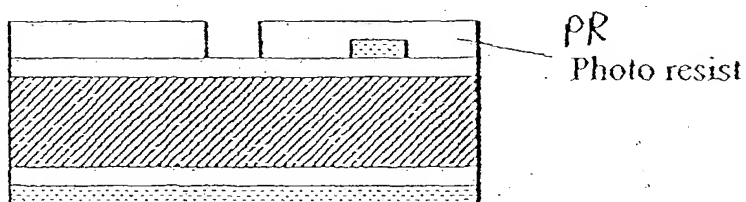


FIG. 3D

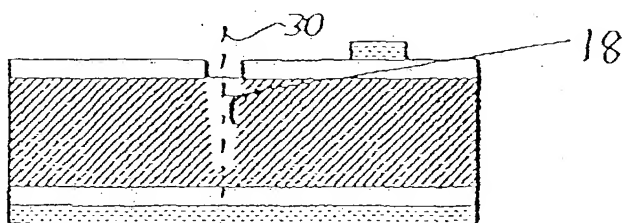


FIG. 3E

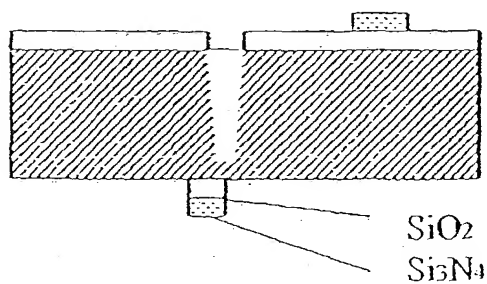


FIG. 3F

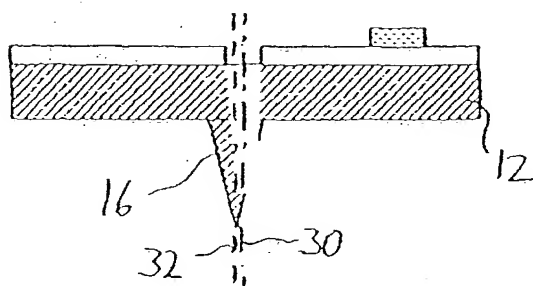


FIG. 3G

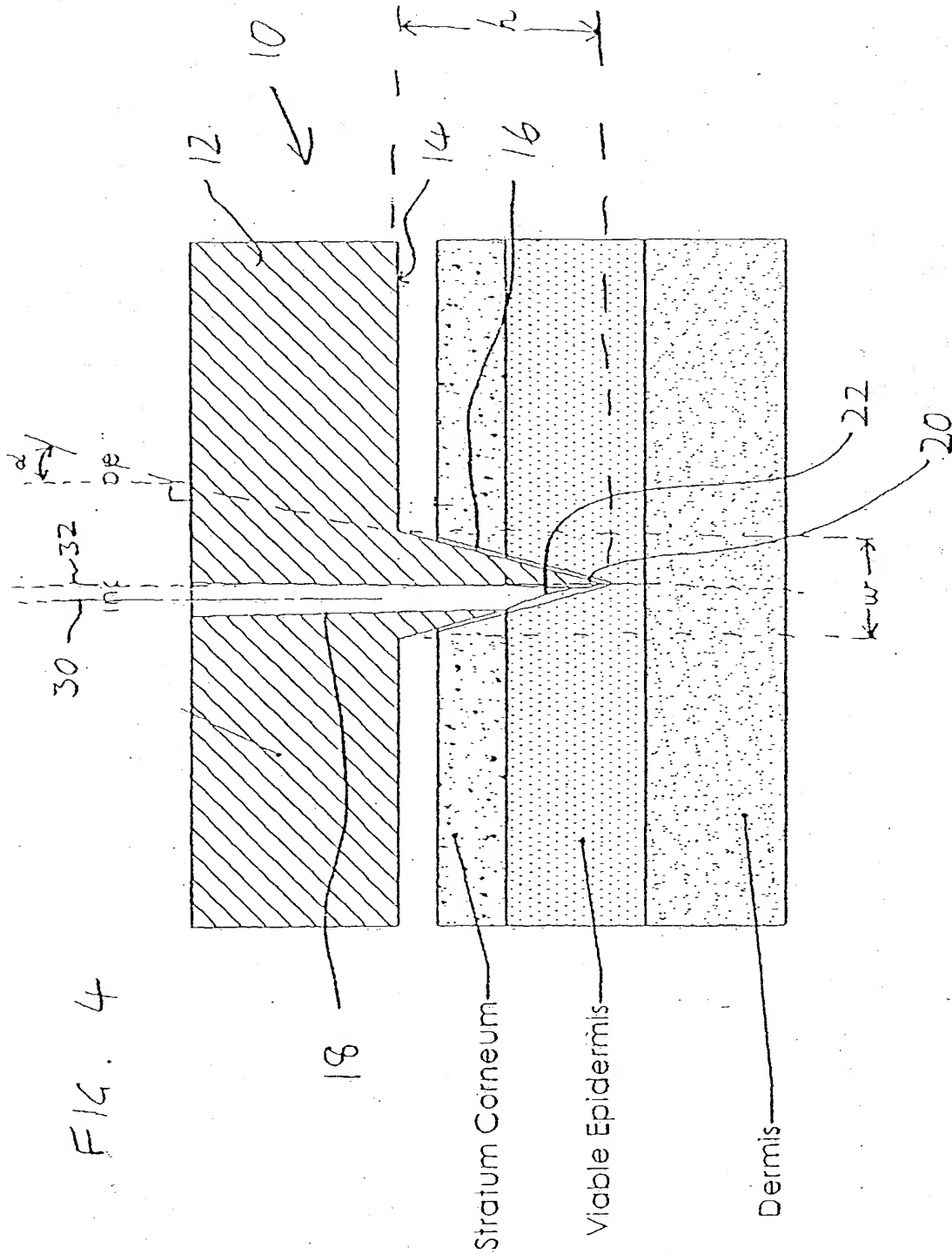


FIG. 5A

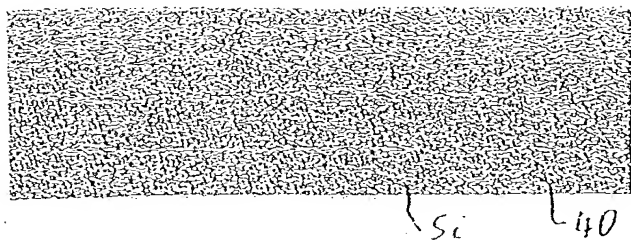


FIG. 5G

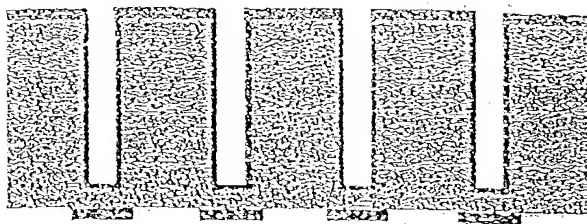


FIG. 5B

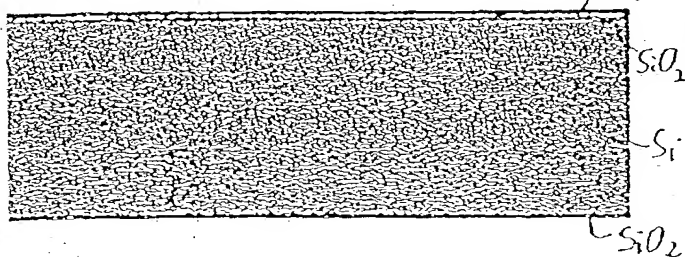


FIG. 5H

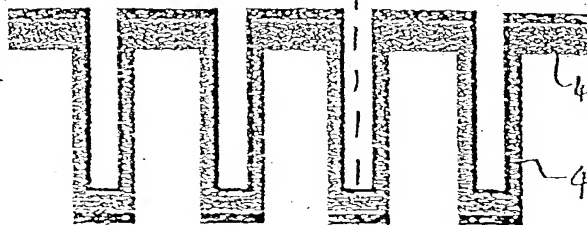


FIG. 5C

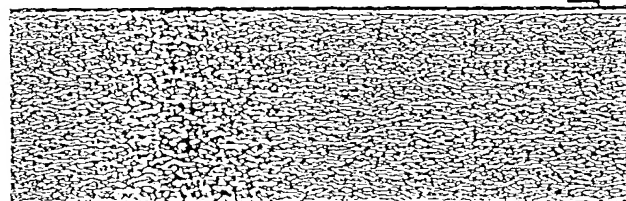


FIG. 5I

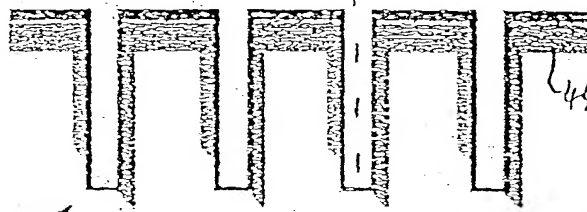


FIG. 5D

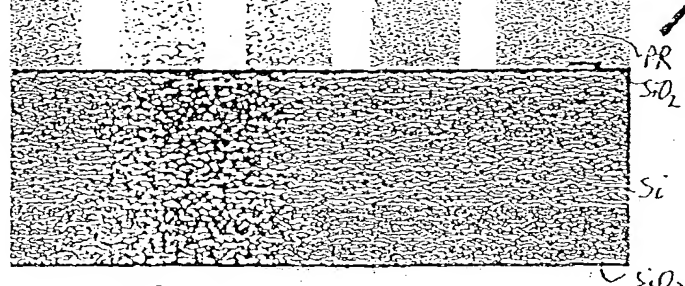


FIG. 5J

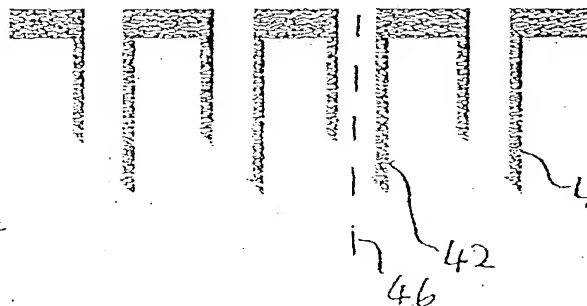


FIG. 5E

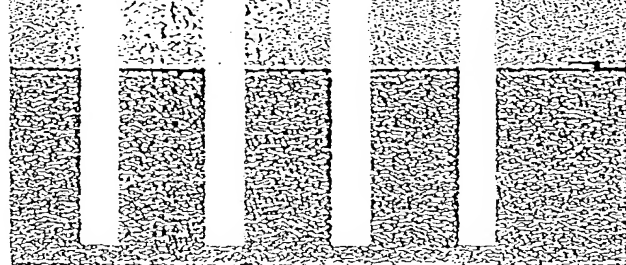


FIG. 5F

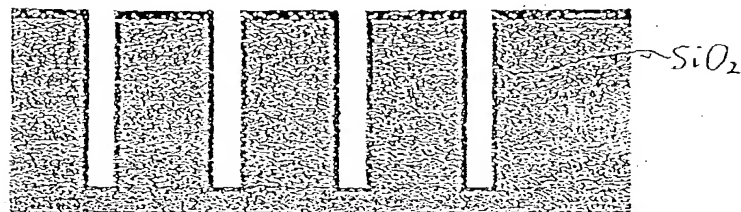


FIG. 6

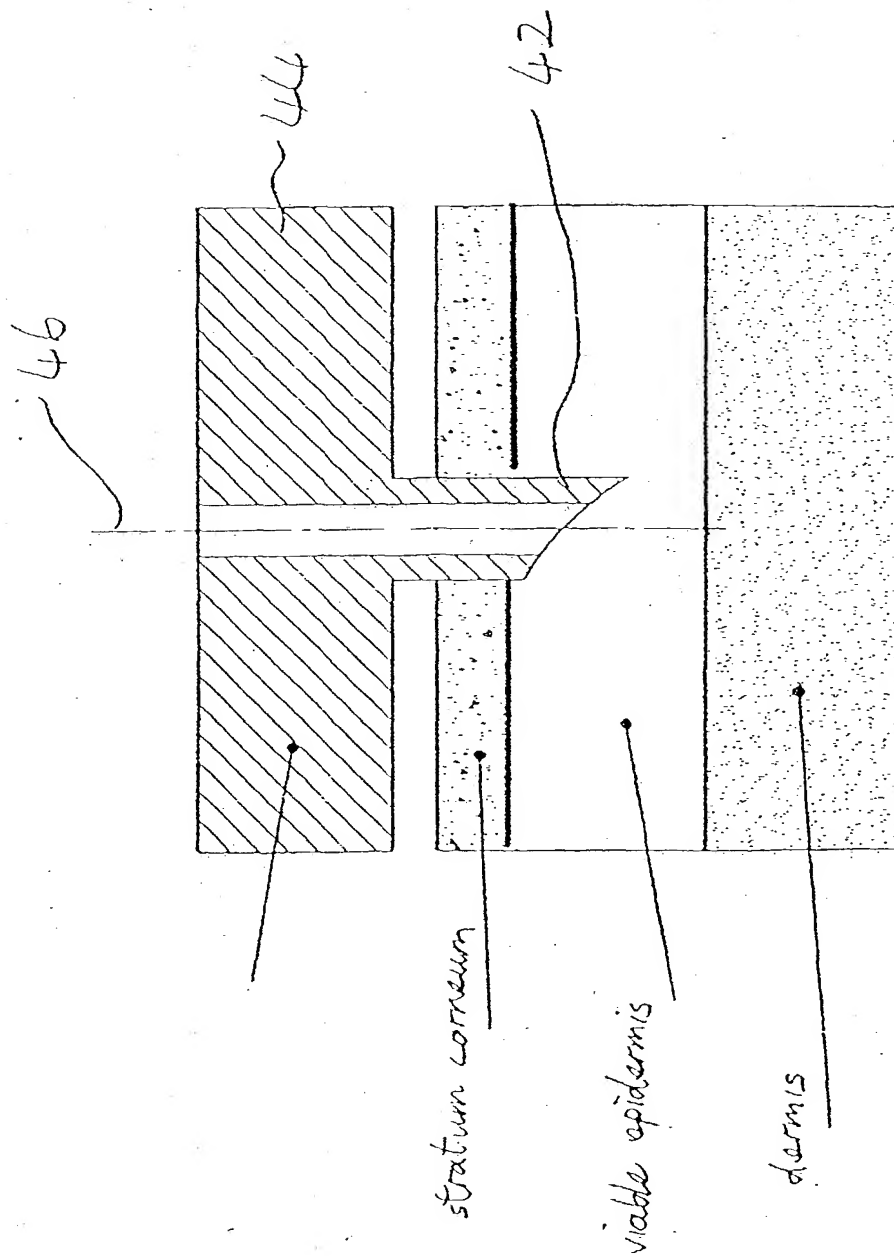


FIG. 7A

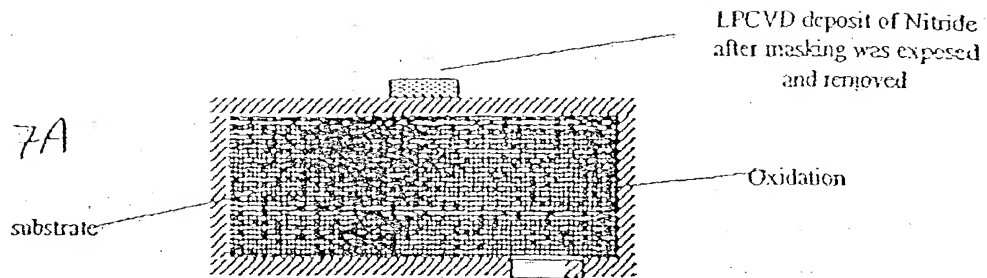


FIG. 7B

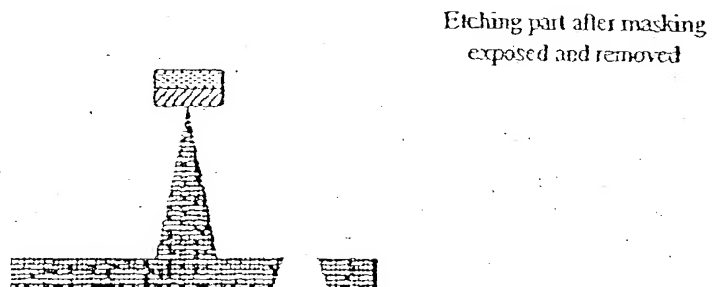


FIG. 7C

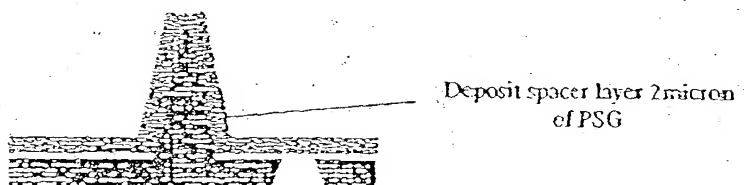


FIG. 7D

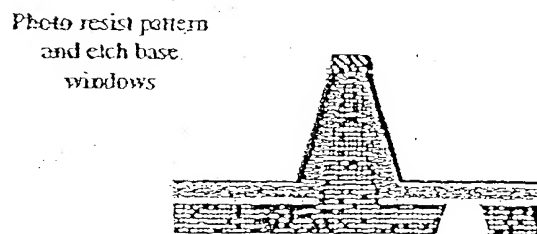


FIG. 7E

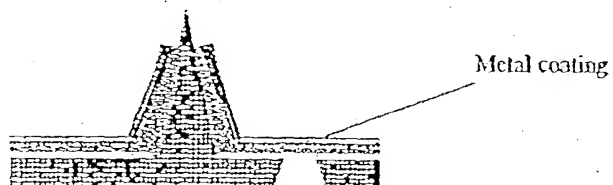


FIG. 7F

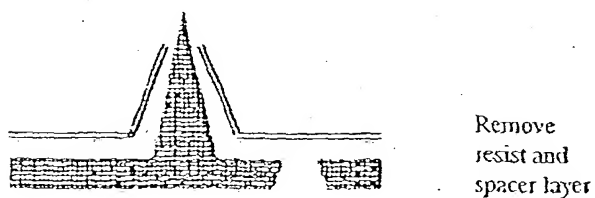


FIG. 8

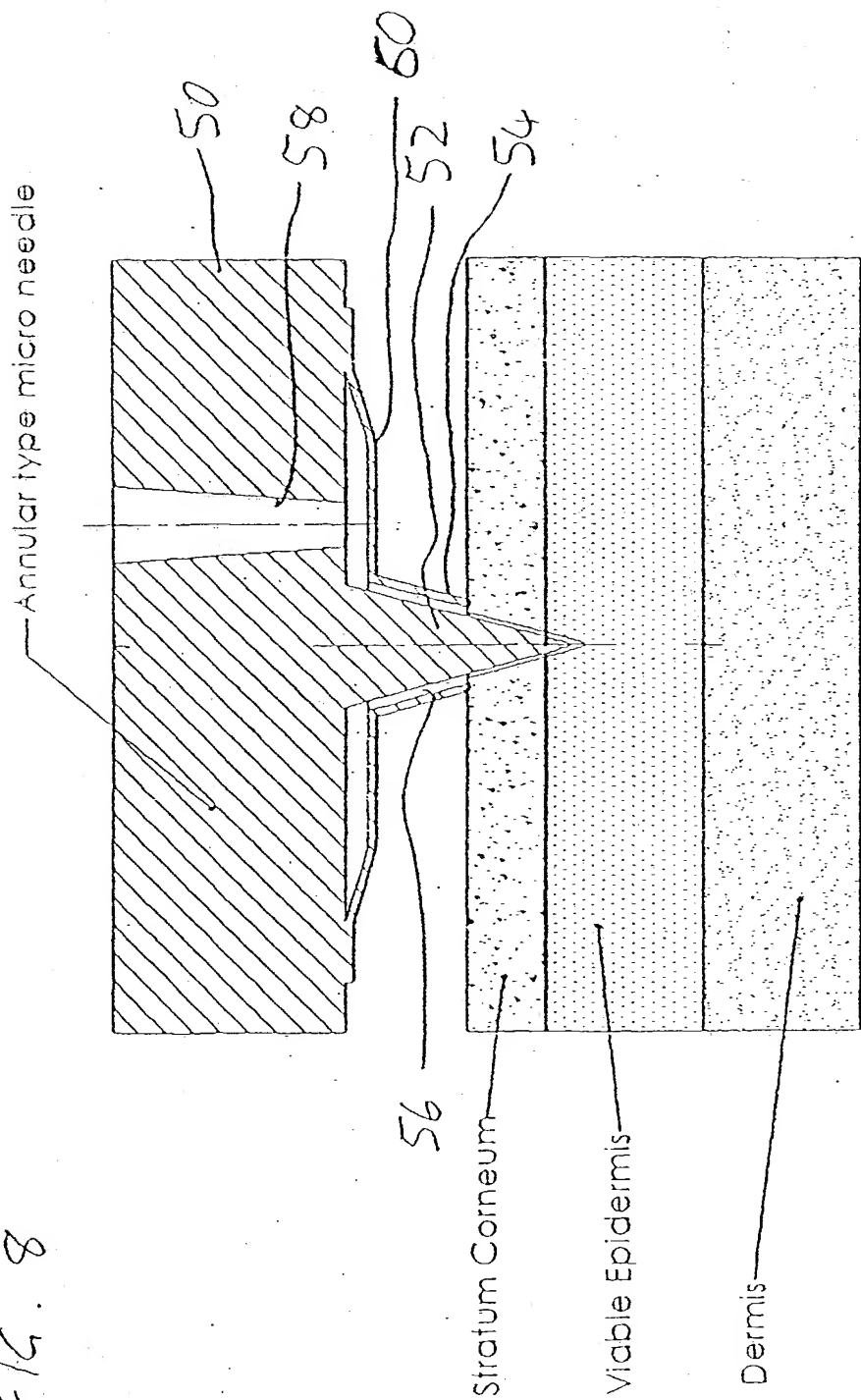




FIG. 9

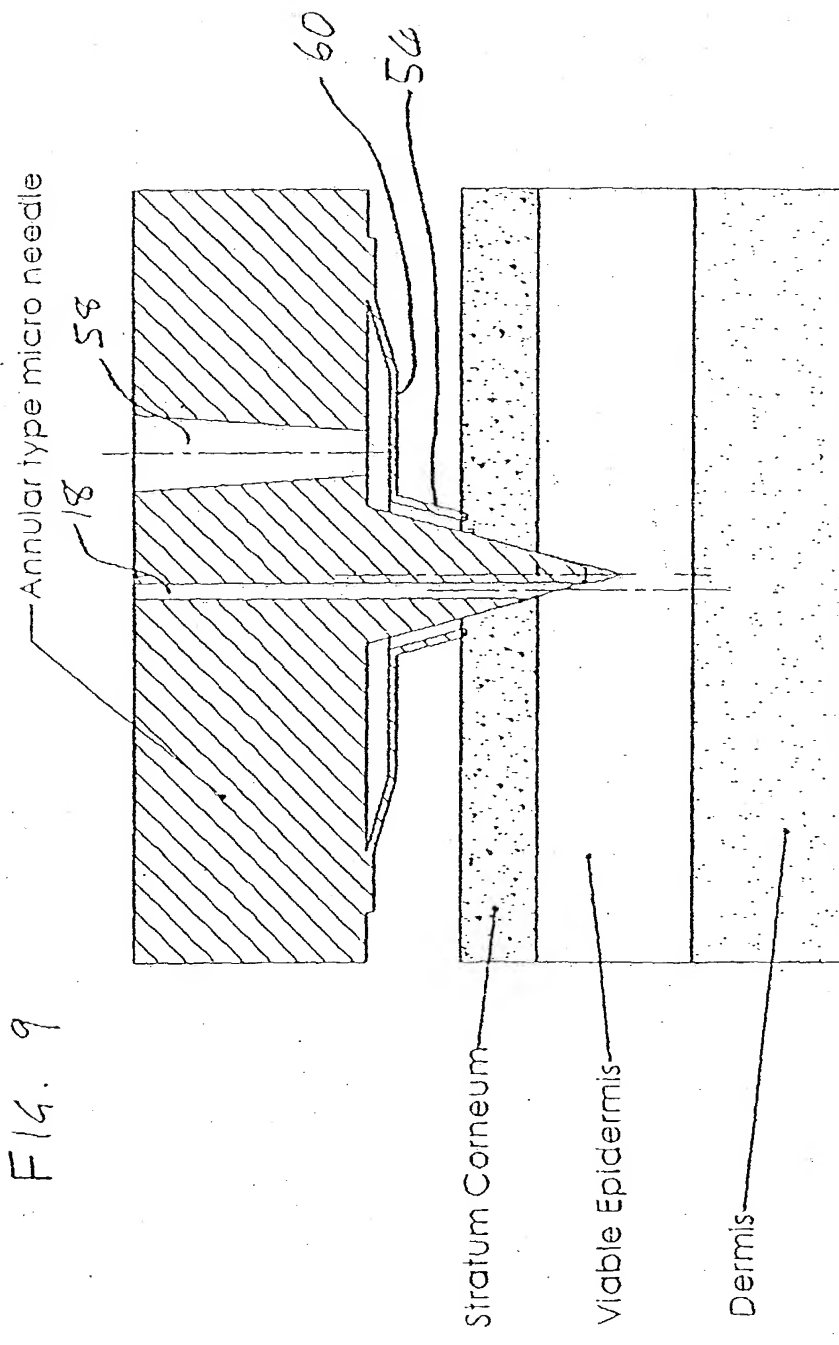


FIG. 10A

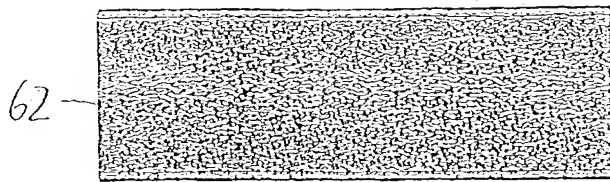


FIG. 10F

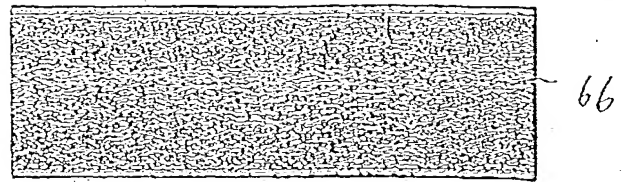


FIG. 10B

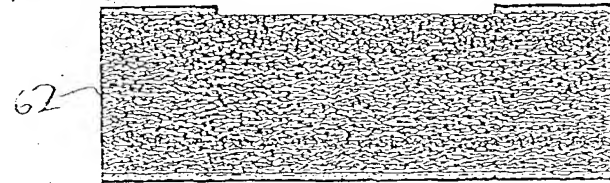


FIG. 10G

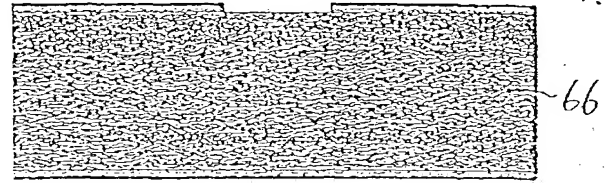


FIG. 10C

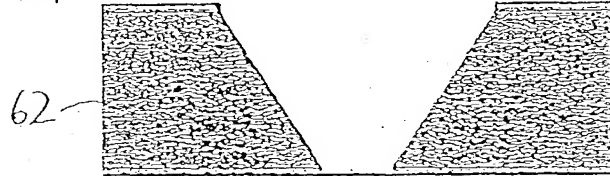


FIG. 10H

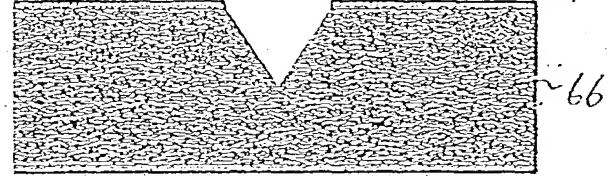


FIG. 10D

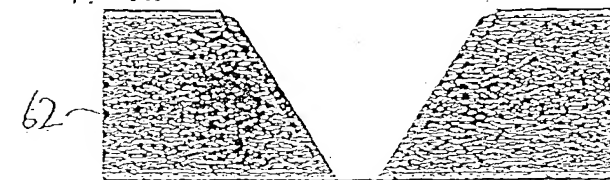


FIG. 10I

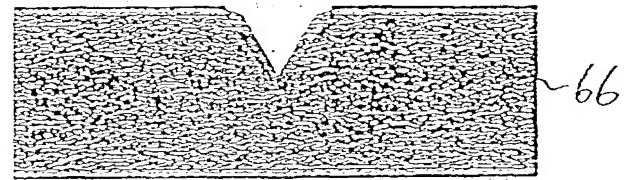
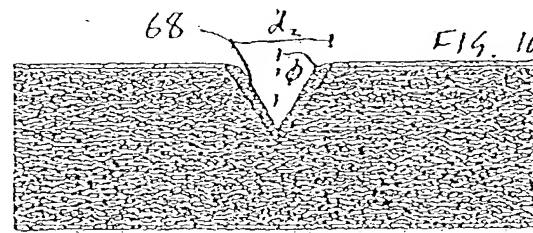


FIG. 10E



FIG. 10J



Silicon Nitride



Silicon Oxide



Silicon

FIG. 10K

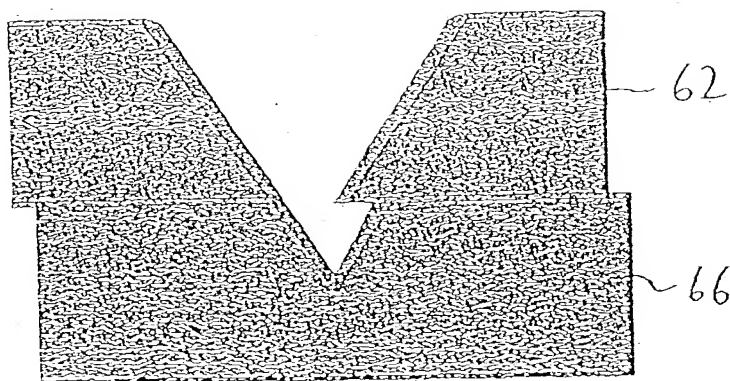


FIG. 10L

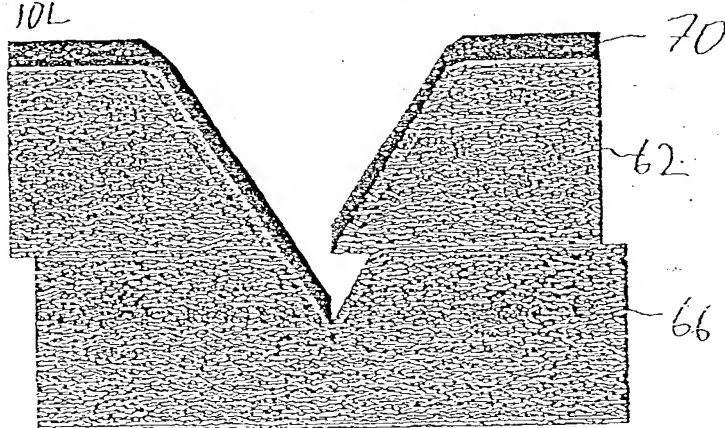
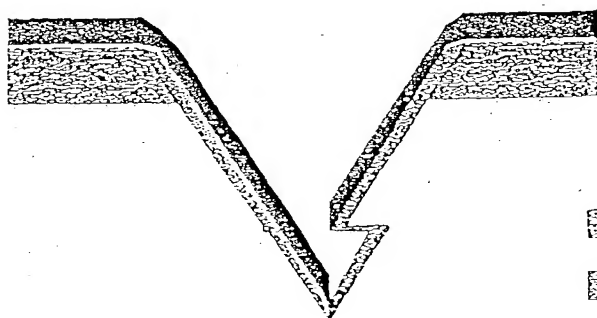


FIG. 10M




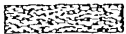

-  Silicon Oxide
-  Silicon
-  TiNi Alloy

FIG. 10N

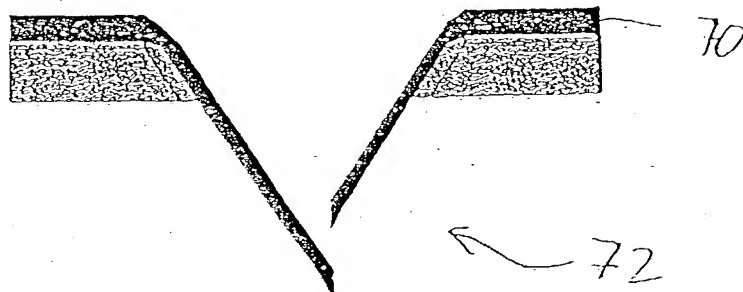


FIG. 11

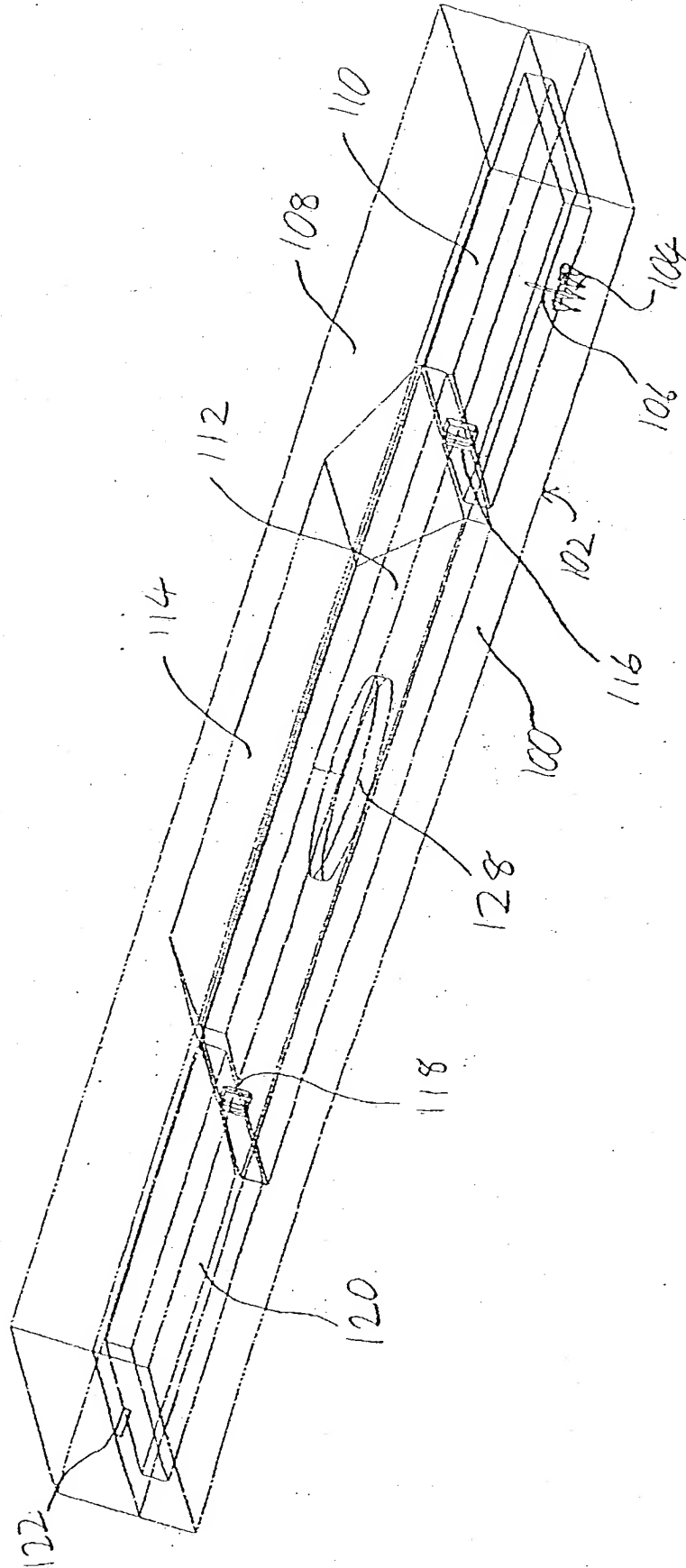
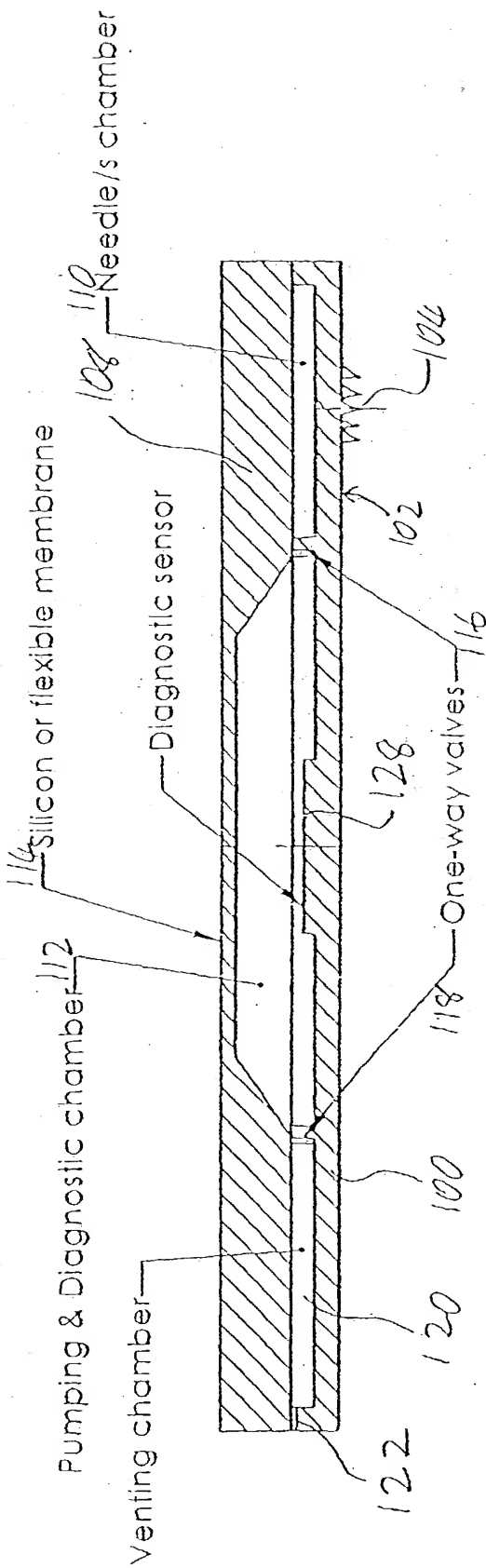


FIG. 12



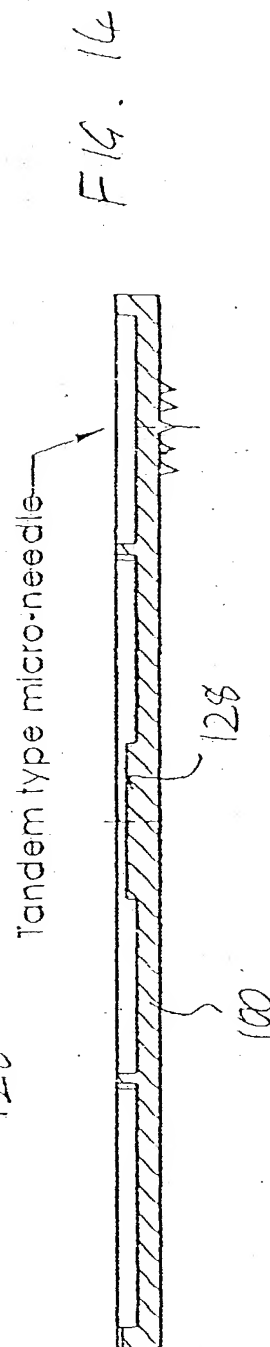
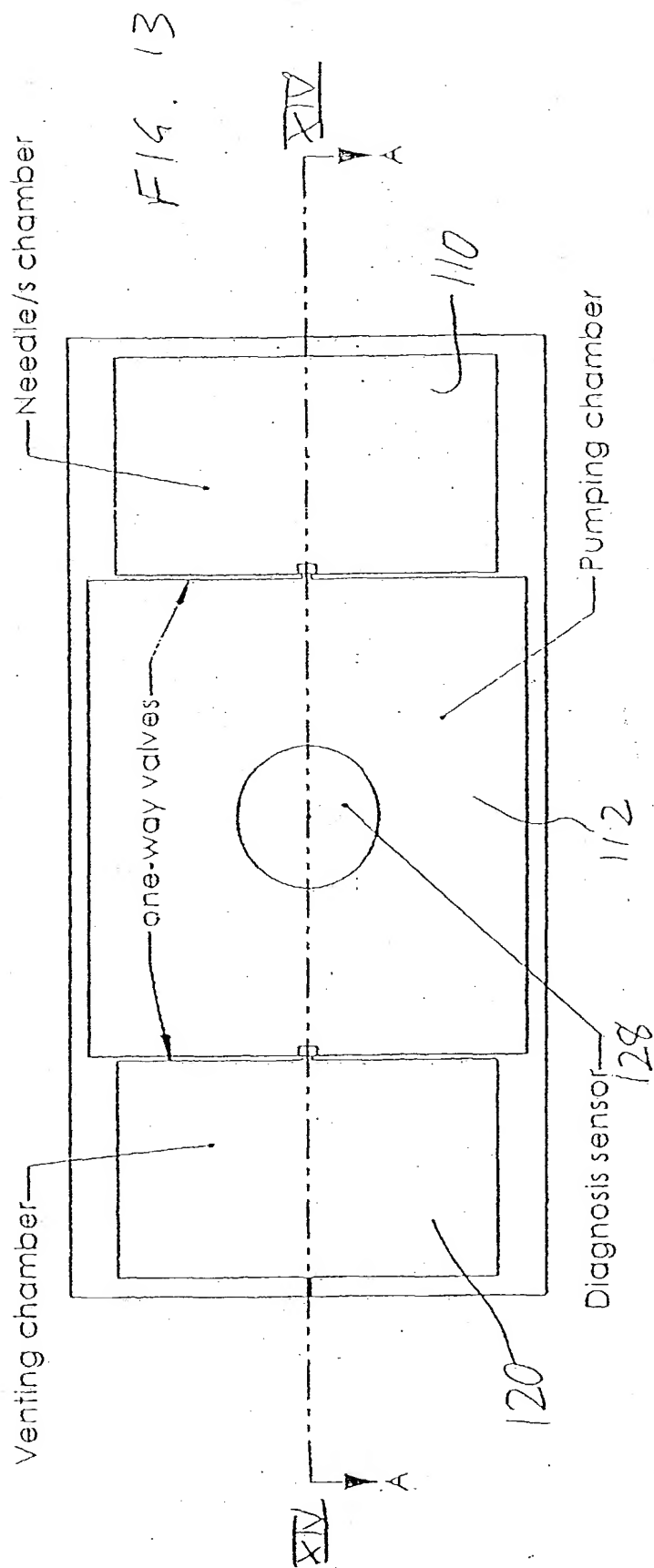


FIG. 15

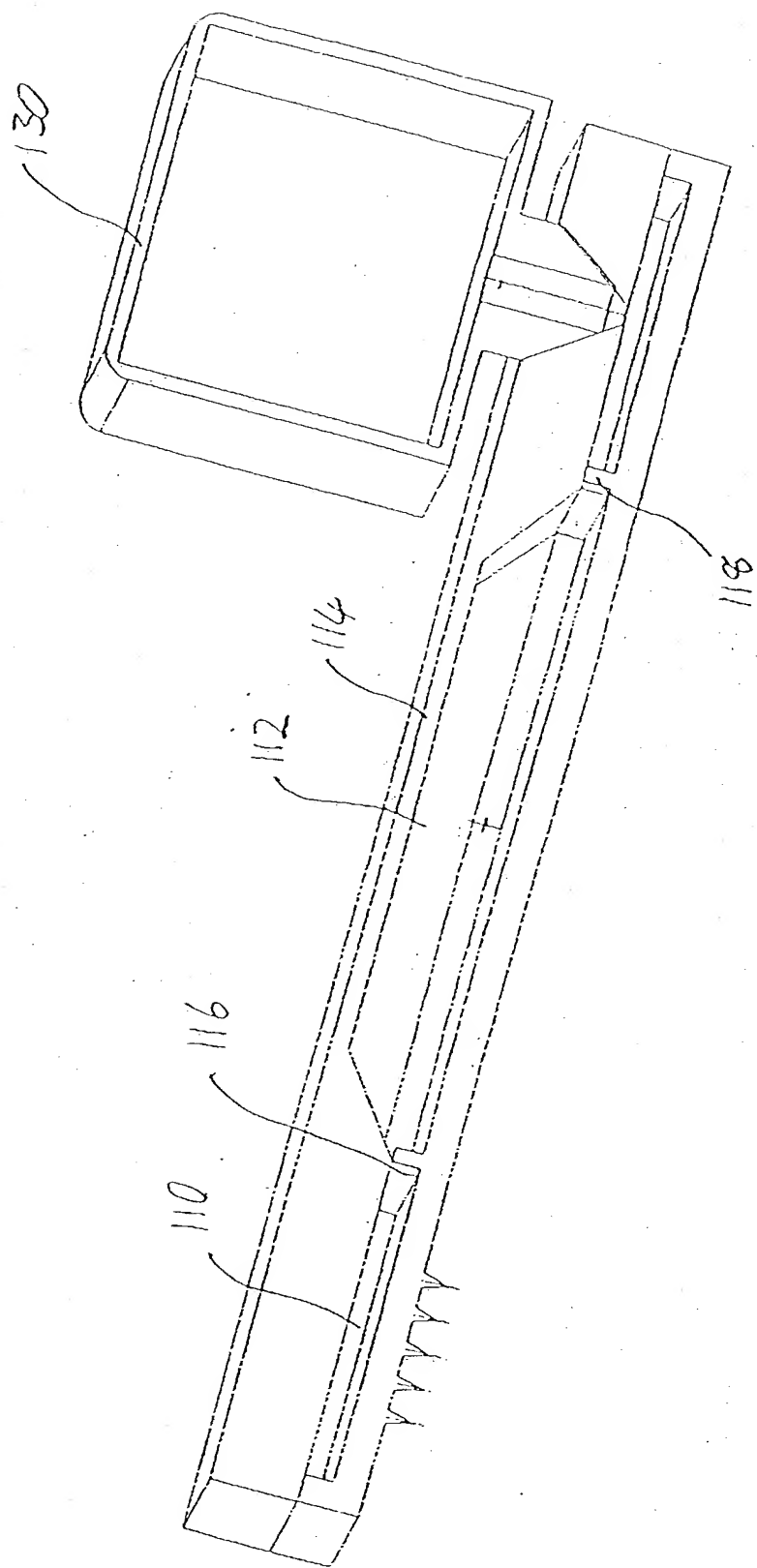


FIG. 16

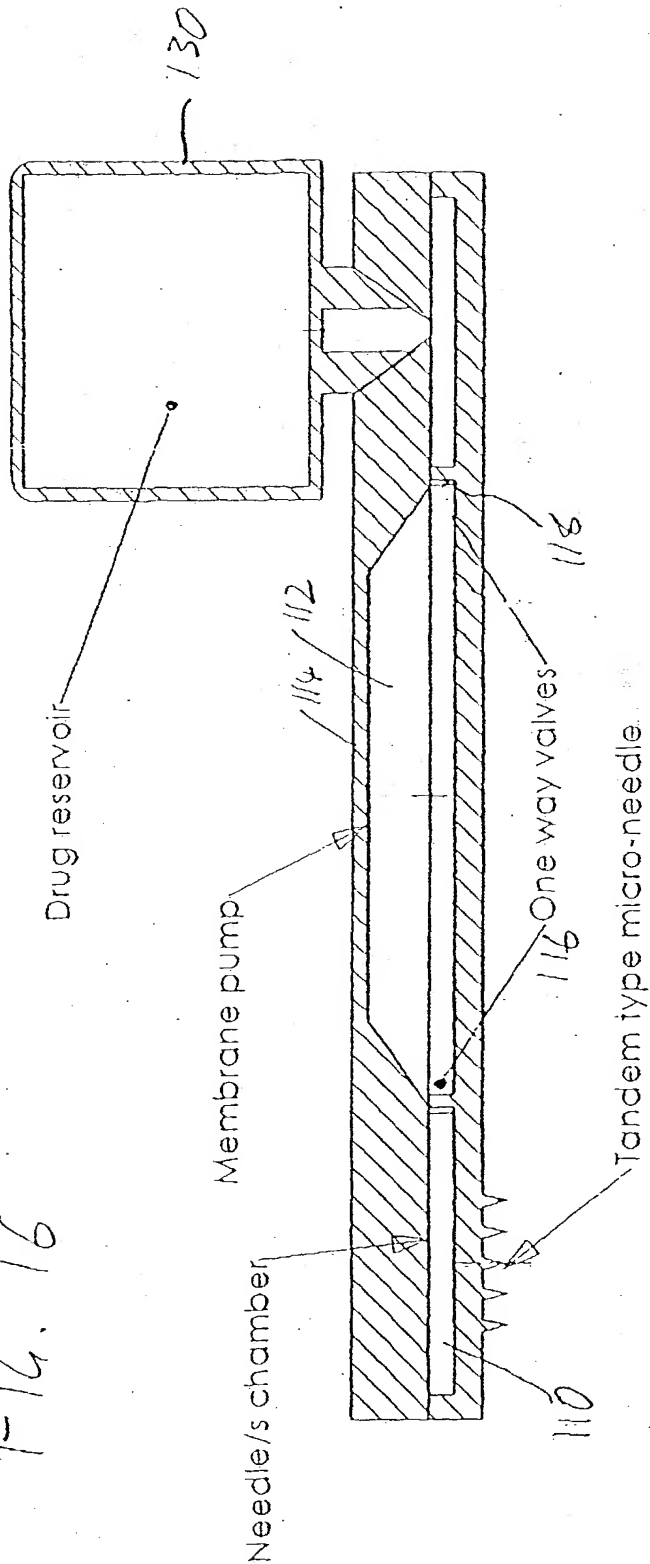




Fig. 17

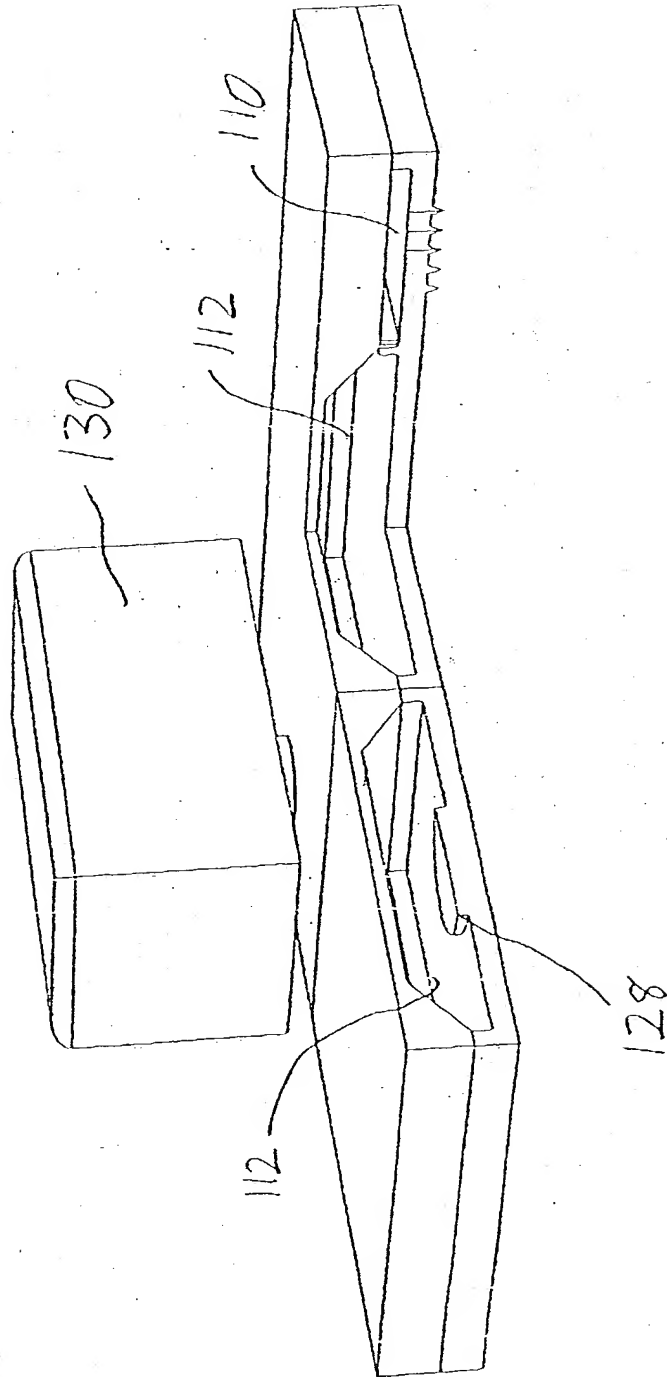


FIG. 18

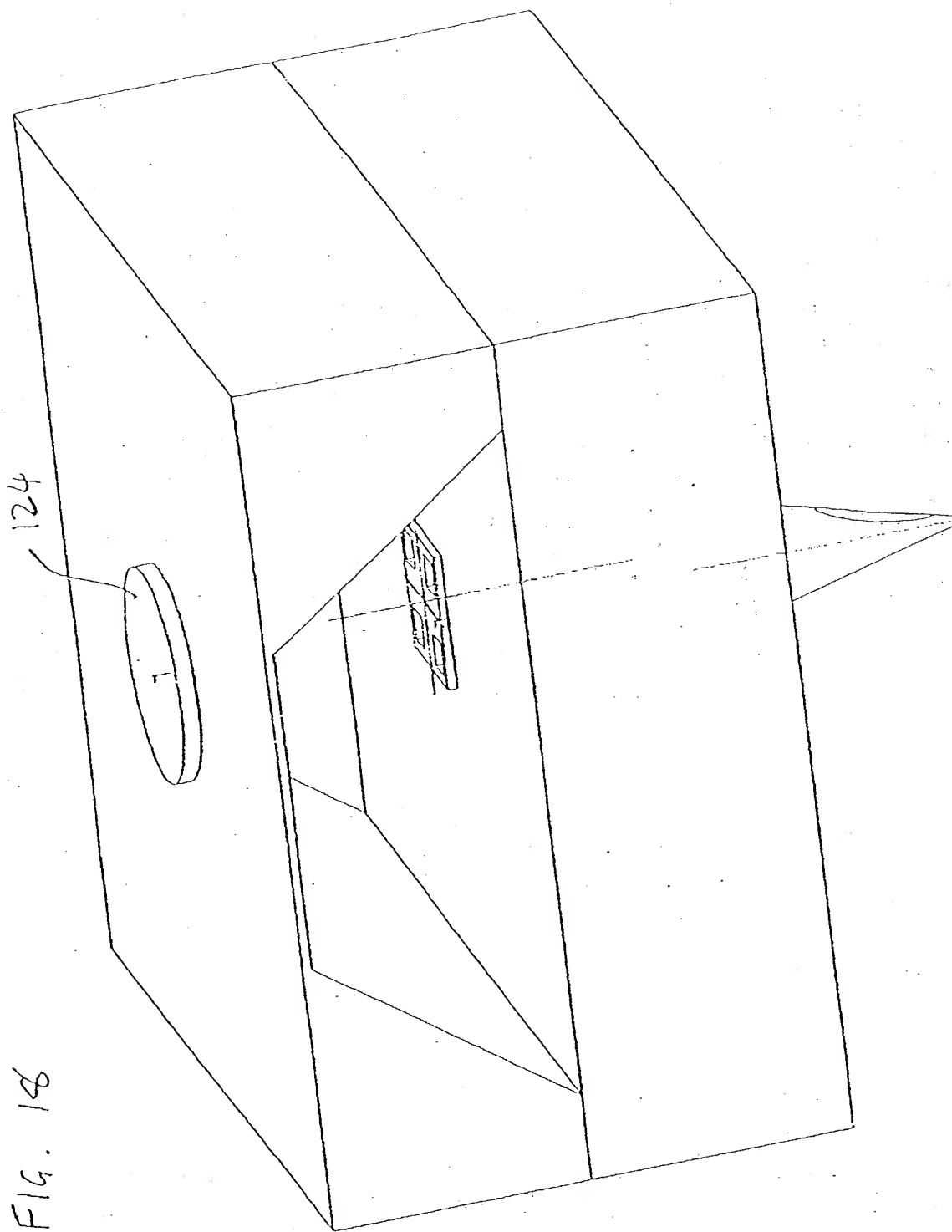
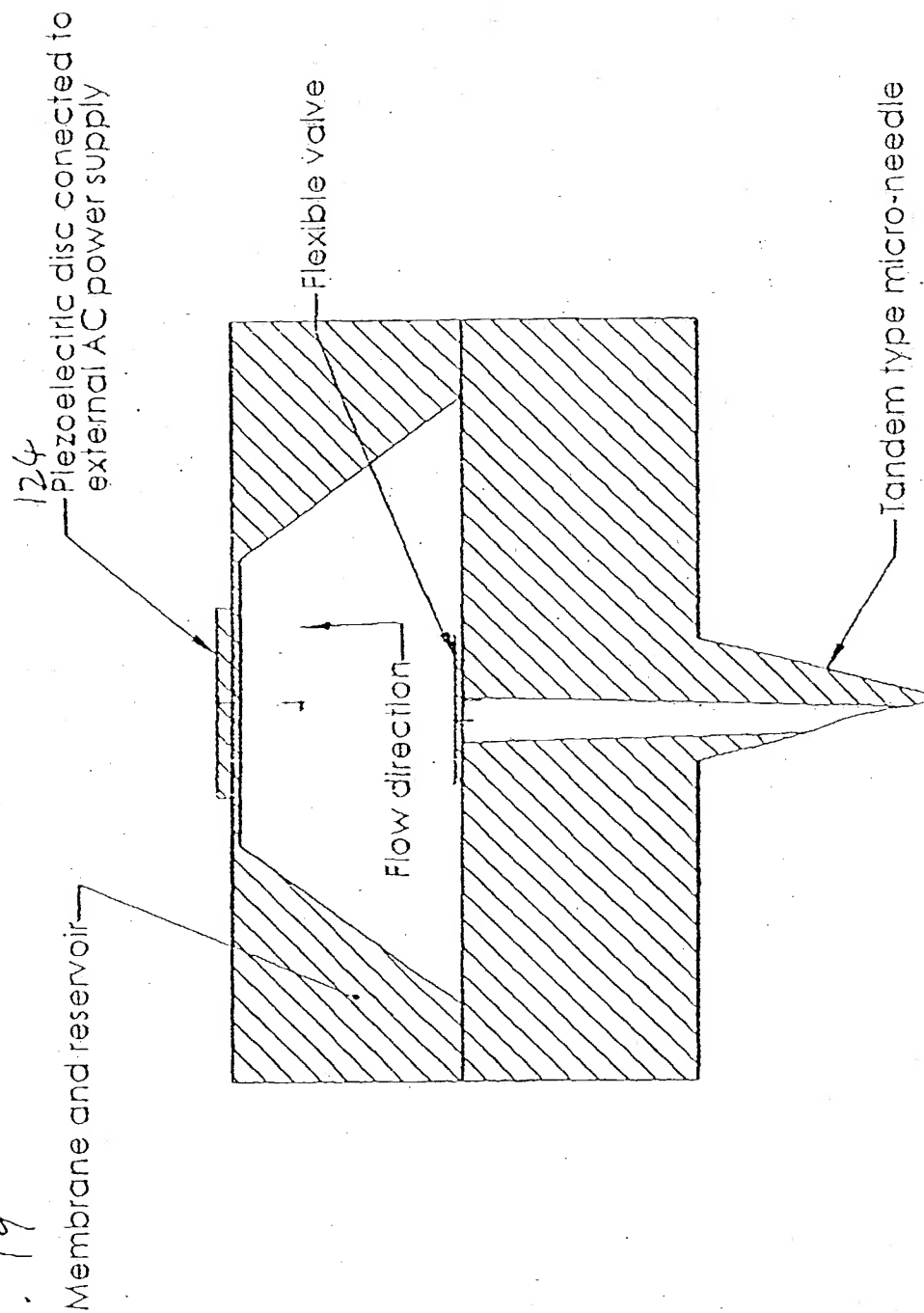


FIG. 19



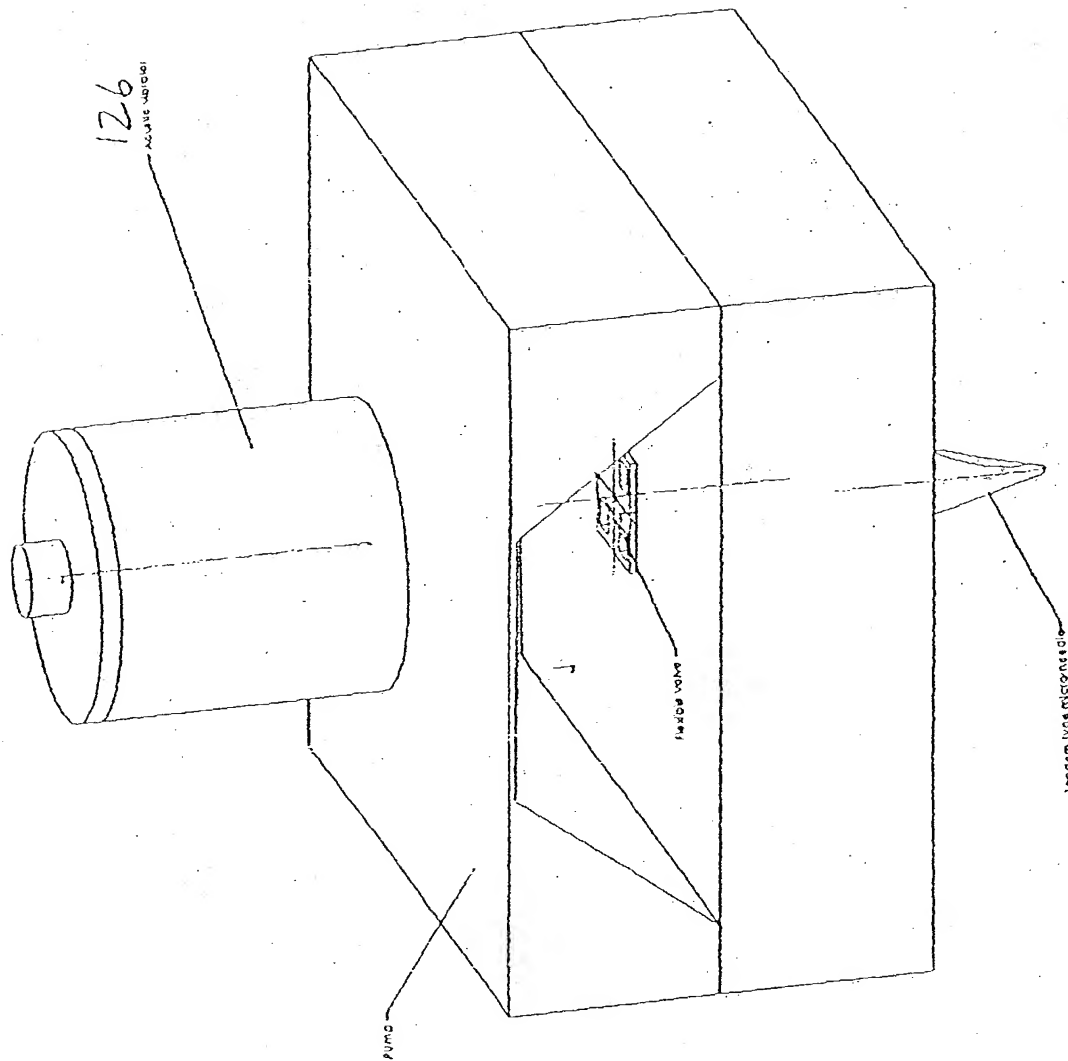


FIG. 20

FIG. 21

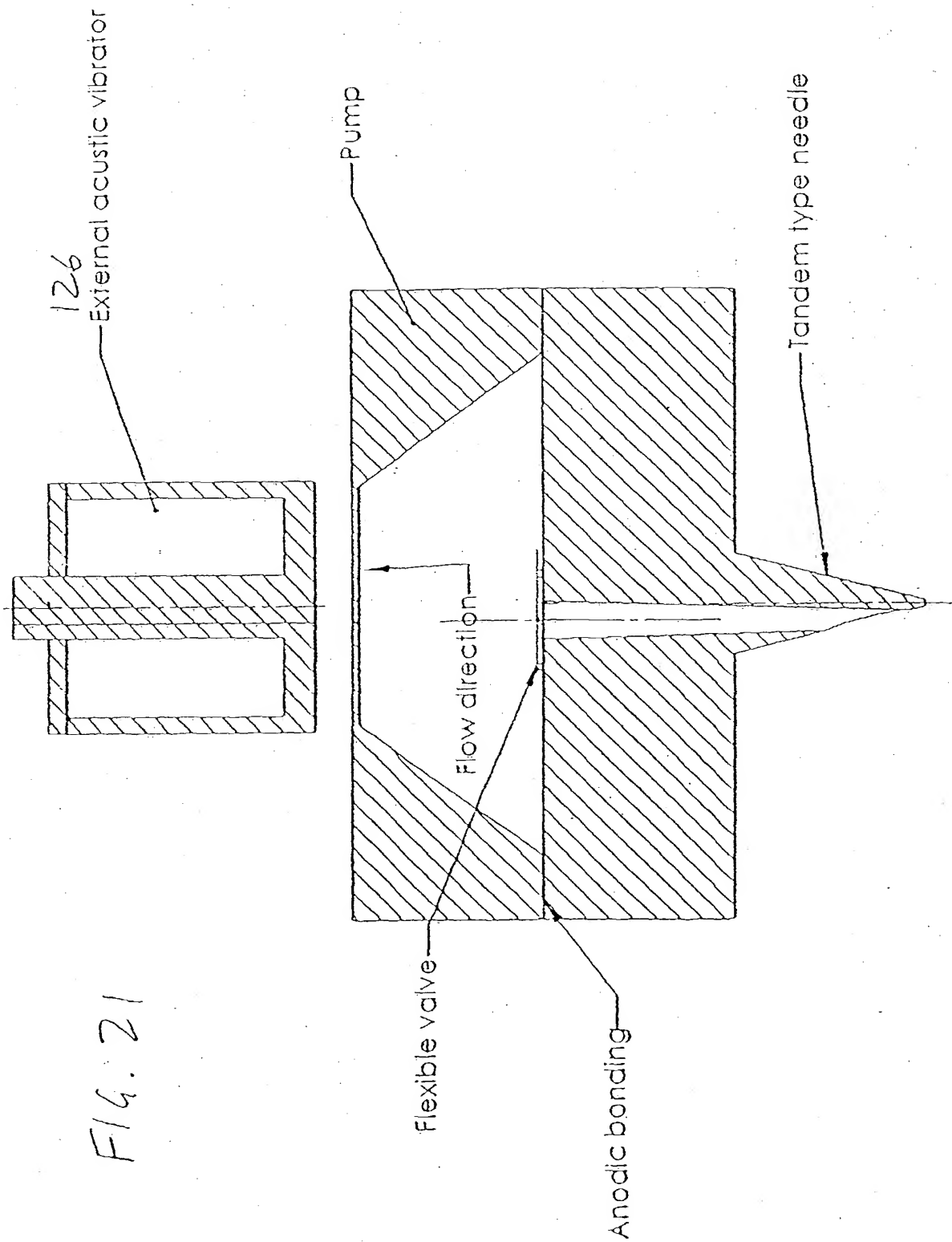


FIG. 22

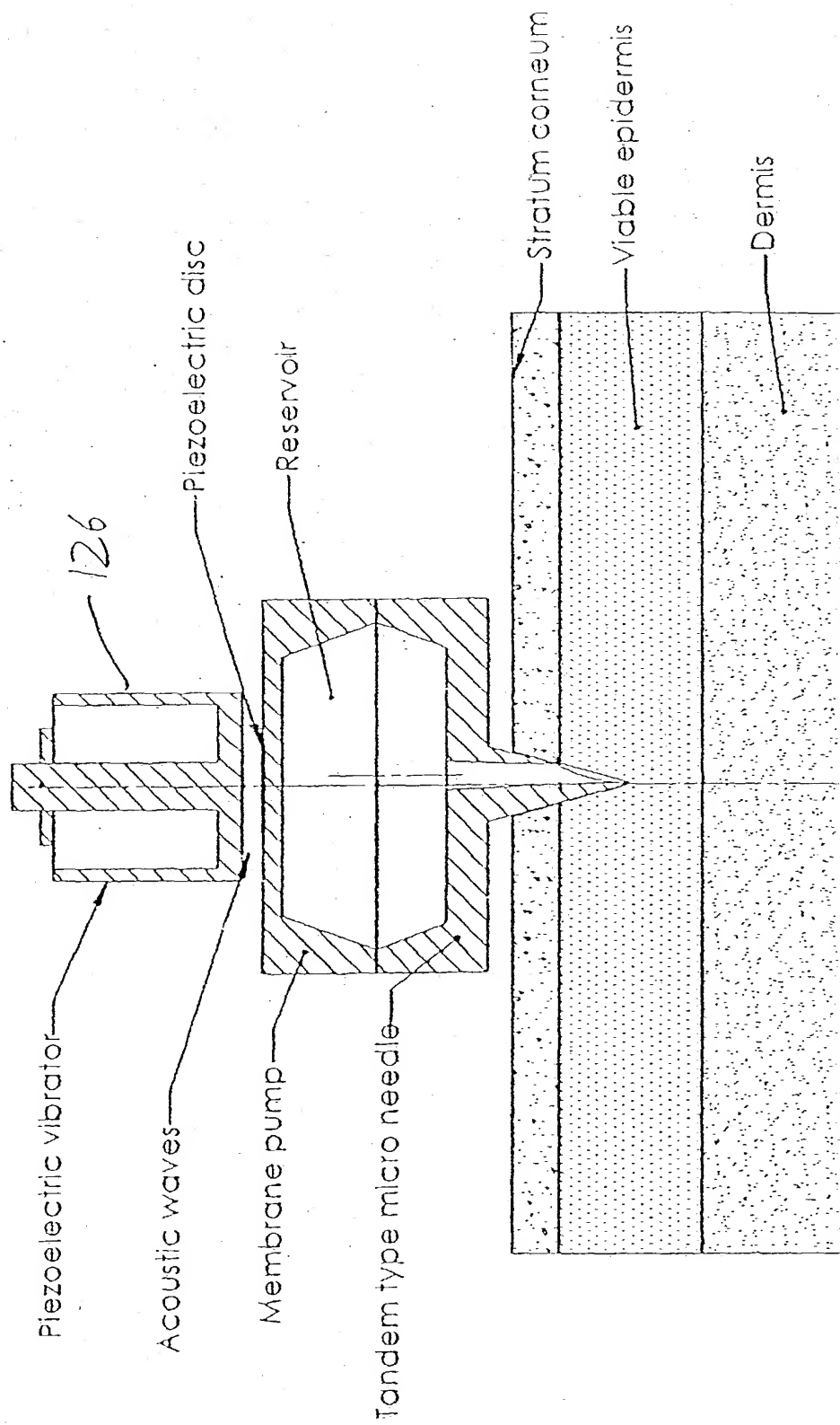
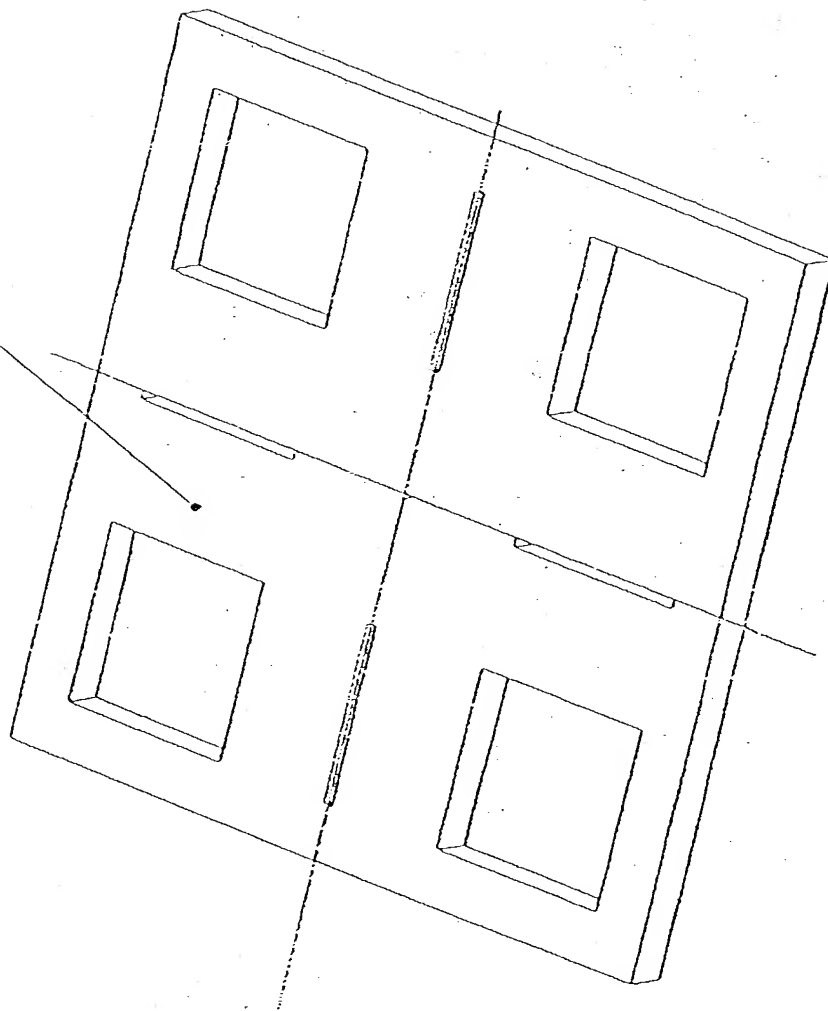


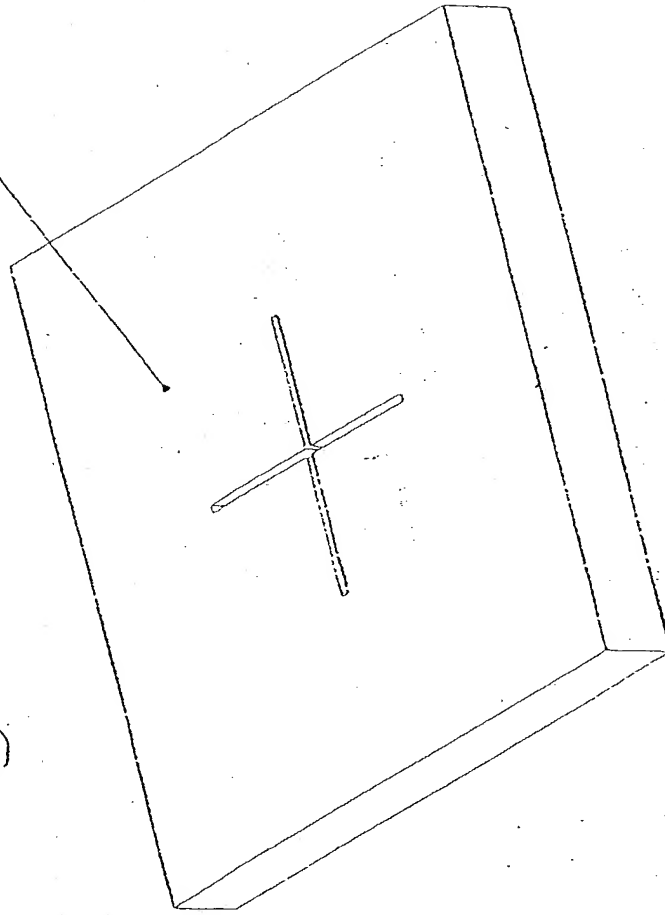
FIG. 23A

Flexible valve



Flexible one way outlet valve →

FIG. 23B





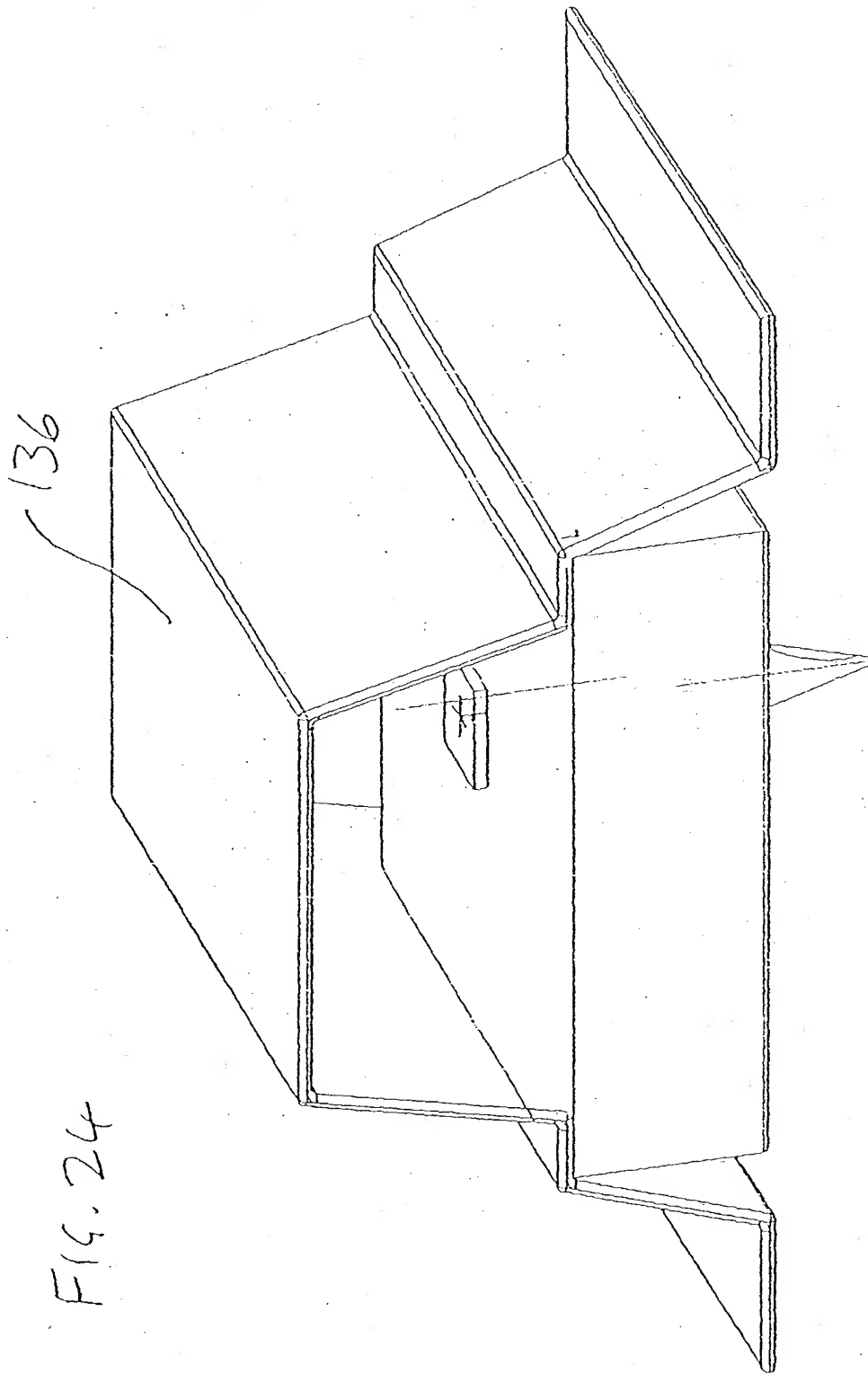
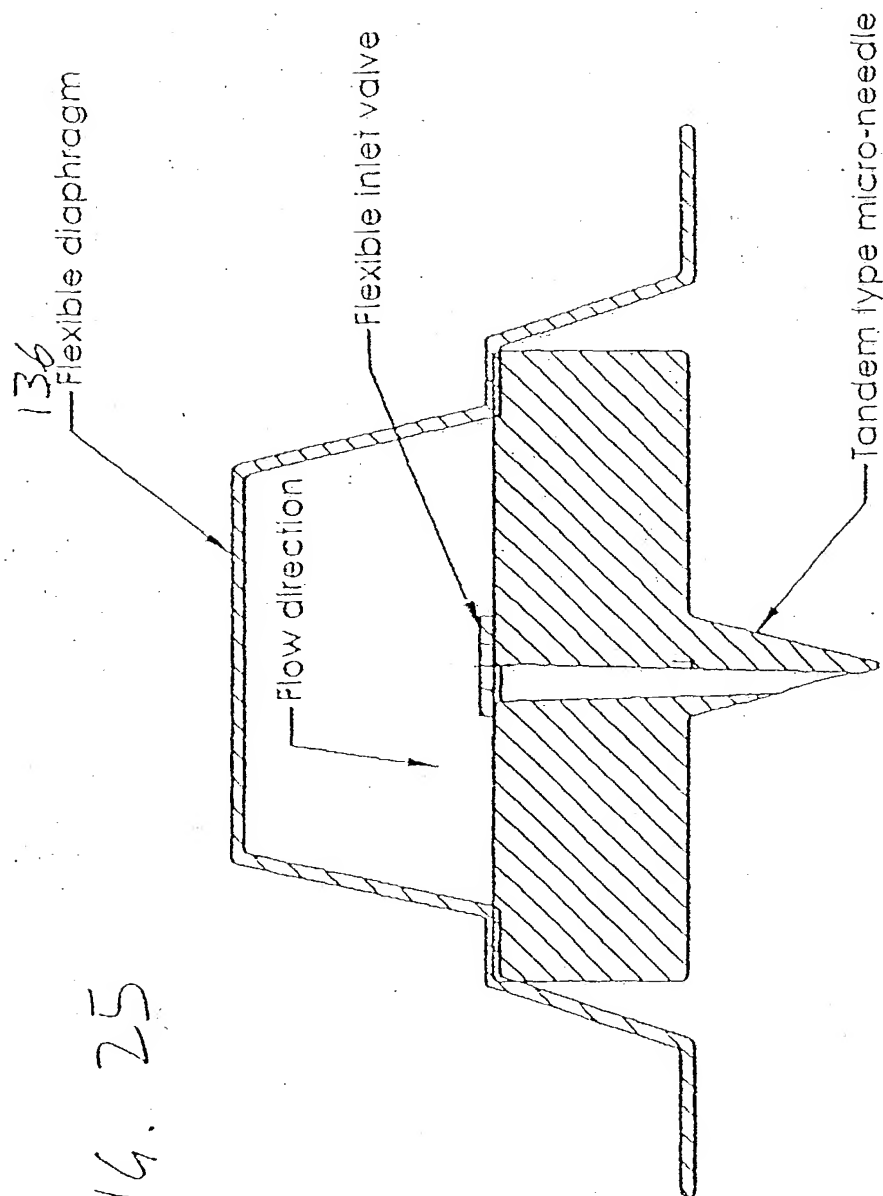


FIG. 25



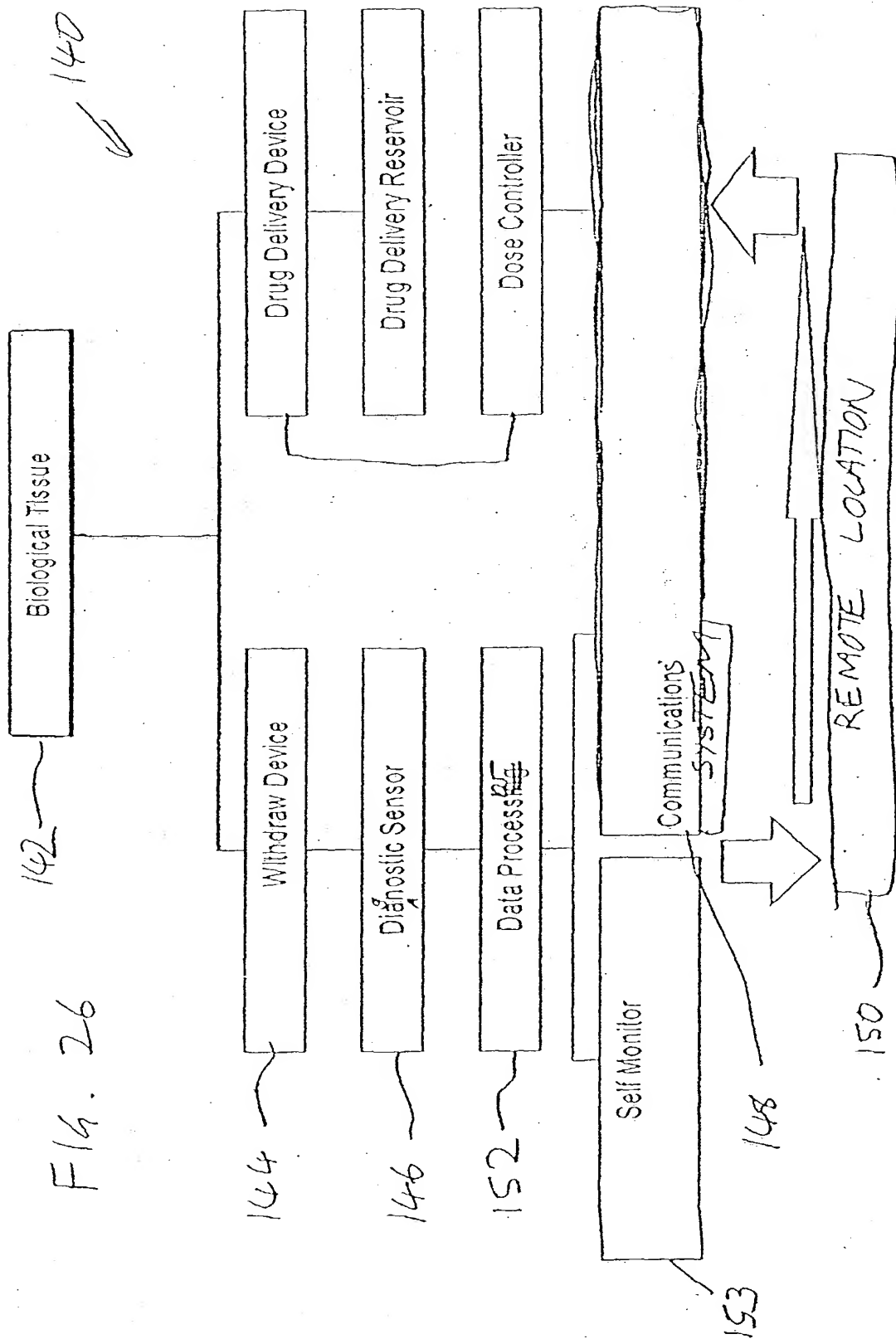


FIG. 27

